

# DEPT. OF PHYSIOLOGY

Academic Year 2023-2024

Academic Activities/Webinar/Workshop/CME/Activities in Last One Year.

Name of College/Institute : BSPM'S Shri Bhagwan Homoeopathic Medical College & IGM Hospital,  
Aurangabad.

Academic Planner/Advanced Teaching Plan Time Table (Year wise)

Details from 1<sup>st</sup> January 2022 to 31<sup>st</sup> December 2022


Sr. No.	Details	Total Number in Hours
1.	Lecture	282
2.	Symposium	-
3.	Practical/Clinics	196
4.	Inter-Departmental Seminars	-
5.	Seminar	-
6.	Case presentation	11
7.	Journal Club	-

No. of Webinars Arranged, Guest Lectures, Workshops & CME  
(Publish details on college website)

Sr. No.	Details of Webinars	Guest Lectures	Workshop & CME
	-	-	-
	-	-	-
	-	-	-
	-	-	-

### Attendance Details

Sr. No.	Attendance	
1.	Teaching Staff	} Month-wise Biometric attendance are available
2.	Non-Teaching Staff	
3.	Hospital Staff	
4.	UG & PG Students	

  
**Principal**  
 Shri Bhagwan Homoeopathic  
 Medical College, Dr. Y. S. Khedkar Marg,  
 N-5, Cidco, Aurangabad.

**PART III - ACADEMIC DETAILS**

**DEPT. OF PHYSIOLOGY**

**Teaching Programme and Attendance Details**

Sr. No.	Particulars	Details
I	Academic Planner/Advance teaching plan	Available
ii	No. of Lectures	282
	No. of Practical's/Clinical	192
	No. of symposium	-
	No. of tutorials	15
	No. of inter-departmental workshop	-
iii	Seminars/Case Presentation/Journal club in last academic year	01
Iv	Monthly UG Student Attendance	Available
v	Monthly Teaching, Non-Teaching, Paramedical/Hospital Staff Attendance & Biometric	Available

**Faculty Development Programs :**


Basic MET/Health Science Education Technology(HSET), Advanced MET/HSET, AETCOM, Basic RM, Advanced RM, Leadership skills in Health Sciences, Education, Communication skills in Health Care (Previous academic year and total cumulative).

Name of Teacher	Name of Workshop Attended	Date
Dr. Tandale Mukesh C.	Basic Research Methodology Workshop	11/01/2022 to 13/01/2022

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## BIOCHEMISTRY

Sr. No.	Equipment	Required Qty as per norms	Available
1	Electronic / Monopan Balance	1	1
2	Centrifuge	1	1
3	Balance, Chemical / Ordinary	2	1
4	Water baths	2	2
5	Urinometer	25	25
6	Hydrometer (0.700 to 1.00)	2	2
7	Albuminometers	10	18
8	Glucometer	10	10
9	Thermometer	10	10
10	Calorimeter	1	1
11	Hot air oven 14"x14"x14"(electric)	1	1
<b>12</b>	<b>Double Distillation apparatus glass</b>	<b>1</b>	<b>1</b>
13	Centrifuge, medium speed, electric	1	1
14	Glass warelike pipette, beakers, burettes, wire gouge with asbestos, centre hot plate, stove, syringes, burners, rubber tubing stands clamps, flash etc.	As required	Available
15	pH meter	1	1

  
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Shri Bhagwan Homoeopathic Medical College, CIDCO, N-6, Aurangabad

First Year B.H.M.S.

Department of physiology include .Biochemistry

Tentative Teaching Programme (THEORY)

Academic Year: 2022

SN	Month	Topics
1	May	Introduction
		General physiology
		Biophysics
		Muscle physiology
		Body fluids introduction
		Biochemistry introduction
2	June	Carbohydrates
		Blood
		Endocrine
		Lymphatic system
		Reticuloendothelial system
4	July	Proteins
		GIT
		Endocrine
		Digestion , absorption and metabolism
5	August	Lipids
		Excretory system
		Reproductive system
		Skin
		Body temperature
6	September	Vitamins
		CVS
		Respiratory system
7	October	Balanced diet
		CNS
		Respiratory system
8	November	BMR
		CNS
9	December	Enzymes
		Special senses

H.O.D.

H.O.D. / PROFESSOR  
Shri Bhagwan Homoeopathic  
Medical College, Dr. Y.S. Khedkar Marg  
N-6, CIDCO, Aurangabad.

Principal

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Shri Bhagwan Homoeopathic Medical College, CIDCO, N-6, Aurangabad

First Year B.H.M.S.

Department of physiology include .Biochemistry

Tentative Teaching Programme(PRACTICAL)

Academic Year:2022

SN	Month	Topics
1	June	Introduction to Clinical physiology
		Introduction to haematology and Study of Microscope
		Introduction to History taking General and systemic Examination
		Clinical Examination of pulse
		Study of instruments
		Measurement of Arterial blood pressure
2	July	Different method of collection blood sample
		C/E of Respiratory, CVSAimentary system
		Preparation of blood smear
		Estimation of HB%
		Study of body temp.
4	August	Study of body temp
		Determination of RBC count
		C/E of Sensory System
		Determination of RBC count
5	Setember	C/E of Motor System I
		Determination of WBC count
		Introduction of biochemistry
		Study of graphs
6	October	C/E of Motor system//
		Determination of BT & CT
		Demonstration of ESR & PCV
		C/E of Cranial nerves
		Determination of blood group
7	November	C/E of cranial nerves
		Urine examination normal constituents
		Test for hearing and deafness
		Test for acuty of vision
8	December	Urine Examination abnormal constituents
		Test for field of vision
		Protein colour test
		Study of instruments
		Detection of unknown carbohydrates

H.O.D.

Principal

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DEPT. OF PHYSIOLOGY & BIOCHEMISTRY

INSTRUMENT REQUIREMENT AS PER CCH NEW NORMS

Sr. No.	Equipment	Required Qty as per norms	Available
1	Medical Microscope	25	34
2	Equipment for ESR estimation / Westergren's Pipette for ESR	25 (with spare pipettes)	25
3	Equipment for ESR estimation / Wintrob's Pipette for ESR	25	31
4	Haematocrit tubes	30 (with spare)	110
5	<b>Auto Analyzer or Semi Auto Analyzer</b>	<b>1</b>	<b>Available in Clinical Pathology</b>
6	Haemoglobinometer Sahil	25 (with spare)	34
7	Haemocytometer	25 (with spare)	25
8	Sphygmomanometer	25	25
9	Stethoscope	25	25
10	Clinical Thermometer (Digital)	25	25
11	Knee Hammer	25	25
12	Tuning forks to test hearing	1 set	1 set
13	Stethographs or Pneumographs	5	5
14	Electrocardiograph (ECG Machine)	1	1
15	Electronic Stop Watches 1/10 Sec.	4	4
16	<b>Glass Distillation (Double) apparatus</b>	<b>1</b>	<b>-</b>
17	<b>Centrifuge (Medium Speed)</b>	<b>2</b>	<b>1</b>
18	Colorimeter (Photo electric)	2	2
19	pH Meter Electric	2	2
20	Colour Perception Lantern (Edridge Green)	1	1
21	Incubator	1	1
22	Educational CD, DVD, Films, slides, models with Audio Visual Aids	As required	25
23	Perimeter	3	3
24	Spirometer	1	2
25	Tonometer	1	1
26	Handgrip Dynamometer	1	1
27	Bicycle Ergometer	1	1
28	Needle Cutter	1	1
29	Animal Experiments demonstration shall be done with the help of Audio-visual Aids		

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